

## LISTS OF SPECIES

### Checklist of polychaete species from Paraná State (Southern Brazil)

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#### Abstract

A checklist of polychaete species recorded from Paraná State (Southern Brazil, 25°10'–25°58' S / 47°59'–48°35' W), including estuarine areas from Paranaguá and Guaratuba Bays and shallow continental shelf bottoms, is reported. Altogether 44 families, 164 genera, and 259 valid species are currently known from the area. The list, which provides a synthesis of the regional taxonomical work carried out until now, can serve as a baseline survey for future studies.

#### Introduction

This checklist provides an updated overview of the polychaete species recorded from Paranaguá Bay and adjacent areas (S Brazil), based on literature records, including unpublished theses or technical reports.

Families, genera and species names are arranged in alphabetical order, to make easier the search for

a given taxon. Original descriptions plus all the local taxonomical references are listed for all species. Ecological literature which mentions polychaete species is listed in the section “additional references”.

No specimens were re-examined, but we are aware that a number of the reported records need to be confirmed, since misidentifications may have happened in the original descriptions. Whenever we have good evidence that species names in published or unpublished records are wrong or inadequate, we point out the need for revisionary work.

Species names reported upon in this checklist are a result of taxonomical and ecological surveys carried out in Paraná State, at the southern Brazilian coast, since 1981. Sampling areas (Figure 1) included the estuarine environments of Paranaguá (25°30' S – 48°20' W) and Guaratuba bays (25°52' S – 48°34' W) and the outer, inner and midcontinental shelf off Paraná (25°10'–25°58' S / 47°59'–48°35' W).

Most of the reported material is currently deposited at the Centro de Estudos do Mar, Universidade Federal do Paraná (MCEM – BPO), in Pontal do Sul, Paraná (Curator: Paulo da Cunha Lana: lana@ufpr.br) and Museu de Zoologia from Universidade de São Paulo (MZUSP). Whenever available, deposit numbers are provided for each species. This collection will be transferred to the Museu de Zoologia from Universidade de São Paulo (MZUSP) by mid-2007. Some specimens were also deposited in National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A (USNM), Senckenberg Museum, Frankfurt am Main, Germany (SMF), Institute of Marine Biology, Vladivostok, Russia (IMBV) and Zoologische Sammlung der Universität Rostock, Germany (ZSRO).



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### Systematic checklist

#### Acoetidae Kinberg, 1858

- Eupanthalis kinbergi* McIntosh, 1879  
*Eupanthalis kinbergi* McIntosh, 1879: 313.  
*Eupanthalis kinbergi* — Lana, 1987: 1061, table 1.  
*Panthalis oerstedii* Kinberg, 1855  
*Panthalis oerstedii* Kinberg, 1855: 387.  
*Panthalis oerstedii* — Lana, 1984: 26; 1987: 1061, table 1.

#### Ampharetidae Malmgren, 1867

- Isolda pulchella* Fritz Müller, 1858  
*Isolda pulchella* Fritz Müller, 1858: 218, figs. 26-27.  
*Isolda pulchella* — Nonato, 1981: 202, fig. 220; Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin 2005: 48, table 2.  
Deposit number – MZUSP 316.  
*Melinna cristata* (Sars, 1851)  
*Sabellides cristata* Sars, 1851: 205-206.  
*Melinna cristata* — Attolini, 2002: 23, figs. 8, 9, 11, 12, tables 4, 8.  
Obs: This is probably a misidentification and this material needs to be revised.

#### Amphinomidae Savigny in Lamarck, 1818

- Amphinome rostrata* (Pallas, 1766)  
*Aphrodita rostrata* Pallas, 1766: 106.  
*Amphinome rostrata* — Lana, 1987: 1061, table 1.  
*Hipponoa gaudichaudi agulhana* Day, 1967  
*Hipponoa gaudichaudi agulhana* Day, 1967: 122, fig. 31 a-e.  
*Hipponoa gaudichaudi agulhana* — Lana, 1984: 48; 1987: 1061, table 1.  
Deposit number – MCEM – BPO 1480  
*Linopherus ambigua* (Monro, 1933)  
*Eurythoe ambigua* Monro, 1933: 6, fig. 2.  
*Linopherus ambigua* — Lana, 1984: 50; 1987: 1061, table 1.  
Deposit number – MCEM – BPO 1315, 1481, 1482.  
*Paramphinome besnardii* Temperini, 1981  
*Paramphinome besnardii* Temperini, 1981: 14, figs. 31-35.  
*Paramphinome besnardii* — Lana, 1984: 50; 1987: 1061, table 1.

#### Aphroditidae Malmgren, 1867

- Aphrodita aculeata* Linnaeus, 1761  
*Aphrodita aculeata* Linnaeus, 1761: 509.  
*Aphrodita aculeata* — Rullier and Amoureux, 1979: 146.  
*Aphrodita longicornis* Kinberg, 1855  
*Aphrodita longicornis* Kinberg, 1855: 382.  
*Aphrodita longicornis* — Nonato, 1981: 26; Lana, 1984: 17; 1987: 1061, table 1.  
*Aphroditella alta* (Kinberg, 1855)  
*Aphrodita alta* Kinberg, 1855: 381.  
*Aphrodita alta* — Rullier and Amoureux, 1979: 146.  
*Aphroditella alta* — Lana, 1987: 1061, table 1.



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*Laetmonice parva* Amaral and Nonato, 1982

*Laetmonice parva* Amaral and Nonato, 1982: 15, figs. 16-23.

*Laetmonice parva* — Lana, 1987: 1061, table 1.

### Capitellidae Grube, 1862

*Capitella capitata* (Fabricius, 1780)

*Lumbricus capitatus* Fabricius, 1780: 279.

*Capitella capitata* — Bolívar, 1990: 59, figs. 43a-d; Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 542-544.

Obs: This is probably a misidentification and this material needs to be revised.

*Heteromastus similis* Southern, 1921

*Heteromastus similis* Southern, 1921: 640.

*Heteromastus similis* — Bolívar, 1990: 60, figs. 45a-c; Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 546; 547.

*Mediomastus californiensis* Hartman, 1947

*Mediomastus californiensis* Hartman, 1947: 264, pl. 26, figs. 64-65.

*Mediomastus californiensis* — Bolívar, 1990: 60, fig. 44a-b.

Deposit number – MCEM – BPO 545.

Obs: This is probably a misidentification and this material needs to be revised.

*Notomastus hemipodus* Hartman, 1947

*Notomastus hemipodus* Hartman, 1947: 424, pl. 48, figs. 1-5.

*Notomastus hemipodus* — Bolívar, 1990: 63, fig. 47a-d.

Deposit number – MCEM – BPO 582-584.

*Notomastus latericeus* Sars, 1851

*Notomastus latericeus* Sars, 1851: 199.

*Notomastus latericeus* — Amaral *et al.*, 2004: 200, appendix 3.

*Notomastus lobatus* Hartman, 1947

*Notomastus lobatus* Hartman, 1947: 415, Pl. 51, figs. 1-5.

*Notomastus lobatus* — Bolívar, 1990: 61, fig. 46a-d.

Deposit number – MCEM – BPO 549-552; 555-580.

### Cirratulidae Ryckholdt, 1851

*Caulleriella alata* (Southern, 1914)

*Chaetozone alata* Southern, 1914: 112, pl. 12, fig. 27 a-d.

*Caulleriella alata* — Bolívar, 1990: 55, fig. 41a-c.

Deposit number – MCEM – BPO 539.

*Dodecaceria* Oersted, 1843

*Dodecaceria* sp.

Deposit number – MZUSP 100.

*Tharyx dorsobranchialis* (Kirkegaard, 1959)

*Cirratulus dorsobranchialis* Kirkegaard, 1959: 34, figs. 2-3.

*Tharyx dorsobranchialis* — Bolívar, 1990: 51, fig. 37a-e.

Deposit number – MCEM – BPO 524-528.

### Chaetopteridae Malmgren, 1867

*Chaetopterus* Cuvier, 1827

*Chaetopterus* sp.



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*Chaetopterus variopedatus* — Camargo, 1955: 61, figs. 1, 2; Nonato, 1981: 173. Not Renier, 1804.

Obs - This is most probably a misidentification. The original specimens could not be retrieved or localized.

*Mesochaetopterus xerecus* Petersen and Fanta, 1969

*Mesochaetopterus xerecus* Petersen and Fanta, 1969: 120, figs. 1-7.

*Spiochaetopterus nonatoi* Bhaud and Petti, 2001

*Spiochaetopterus nonatoi* Bhaud and Petti, 2001: 226, figs. 2, 3, 4 a-e.

Deposit number – MZUSP 267.

### Cossuridae Day, 1963

*Cossura* Webster and Benedict, 1887

*Cossura* sp.

Deposit number – MCEM – BPO 1476.

### Dorvilleidae Chamberlin, 1919

*Pettiboneia sanmatiensis* Orensanz, 1973

*Pettiboneia sanmatiensis* Orensanz, 1973: 338, figs. 1-8, pl. 5.

*Pettiboneia sanmatiensis* — Lana, 1987: 1061, table 1.

*Protodorvillea kefersteini* (McIntosh, 1869)

*Dorvillea kefersteini* McIntosh, 1869: 417.

*Protodorvillea keferstein* — Lana, 1987: 1061, table 1.

*Schistomeringos rudolphi* (delle Chiaje, 1828)

*Nereis rudolphi* delle Chiaje, 1828: 176.

*Schistomeringos rudolphi* — Jumars, 1974: 103, fig. 1; Lana, 1984: 195, fig. 213; 1987: 1061, table 1.

### Eunicidae Berthold, 1827

*Eunice cariboea* Grube, 1856

*Eunice cariboea* Grube, 1856 : 57.

*Eunice cariboea* — Lana, 1984: 180, figs. 195-196; 1987: 1061, table 1.

Deposit number – MZUSP 101.

*Eunice rubra* Grube, 1856

*Eunice rubra* Grube, 1856: 59.

*Eunice rubra* — Lana, 1984: 183, fig. 198; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1444.

*Eunice unifrons* (Verrill, 1900)

*Leodice unifrons* Verrill, 1900: 644.

*Eunice* cf. *unifrons* — Attolini, 2002: 24, figs. 8, 9, 11, 12, tables 4, 8.

*Eunice vittata* (delle Chiaje, 1829)

*Nereis vittata* delle Chiaje, 1829: 195.

*Eunice vittata* — Lana, 1984: 181, fig. 197; 1987: 1061, table 1.

*Marphysa kinbergi* McIntosh, 1910

*Marphysa kinbergi* McIntosh, 1910: 451, fig. 9.

*Marphysa kinbergi* — Lana, 1984: 185, figs. 199-200; 1987: 1061, table 1.

*Marphysa sanguinea* (Montagu, 1815)

*Nereis sanguinea* Montagu, 1815: 20.

*Marphysa sanguinea* — Lana, 1984: 187, fig. 201; 1987: 1061, table 1.

*Nematonereis schmardae* McIntosh, 1885

*Nematonereis schmardae* McIntosh, 1885: 262.

*Nematonereis schmardae* — Lana, 1987: 1061, table 1



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Deposit number – MCEM – BPO 1459; 1464.

### **Eulepethidae** Chamberlin, 1919

*Grubeulepis bracteata* Nonato, 1981 *nomen nudum*

*Grubeulepis bracteata* Nonato, 1981: 70, figs. 76-84 (Original name in an unpublished thesis).

*Grubeulepis mexicana* (Berkeley and Berkeley, 1969)

*Eulepethus mexicanus* Berkeley and Berkeley, 1939: 328, figs 4-7.

Deposit number – MCEM – BPO 1470.

### **Flabelligeridae** Saint-Joseph, 1894

*Piromis roberti* (Hartman, 1951)

*Semiodera roberti* Hartman, 1951: 99, pl. 26, figs. 1-4.

*Piromis roberti* — Bolívar, 1990: 91, pl. 26, fig. 70a-d.

Deposit number – MCEM – BPO 716-717.

Obs: This is probably a misidentification and this material needs to be revised.

### **Glyceridae** Grube, 1850

*Glycera americana* Leidy, 1855

*Glycera americana* Leidy, 1855: 147, figs. 49-50.

*Glycera americana* — Lana 1984: 92, figs. 84-85; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1234-1240.

*Glycera oxycephala* Ehlers, 1887

*Glycera oxycephala* Ehlers, 1887: 121, figs 7-11.

*Glycera* cf. *oxycephala* — Lana, 1984: 94, figs. 86-87.

*Hemipodia californiensis* (Hartman, 1938)

*Hemipodus californiensis* Hartman, 1938: 93, figs. 2-7.

*Hemipodus olivieri* Orensanz and Gianuca, 1974: 11, figs. 5, 8, 9.

*Hemipodus olivieri* — Lana, 1984: 91, figs. 82-83; Blankensteyn and Moura, 2002: 718, table 2; Böggemann, 2002: 82, figs. 133-135; Amaral and Nallin, 2005: 48, table 2.

*Hemipodia californiensis* — Böggemann 2002: 82, figs. 133-135.

Deposit number – MCEM – BPO 1241-1244.

*Hemipodia pustatula* (Friedrich, 1956)

*Hemipodus pustatula* Friedrich, 1956: 61.

*Hemipodia pustatula* — Böggemann, 2002: 83, figs. 136-138

*Hemipodia simplex* (Grube, 1857)

*Glycera simplex* Grube, 1857: 177.

*Hemipodus rotundus* Nonato, 1981: 104, figs. 125-128; — Lana, 1987: 1061, table 1.

*Hemipodia simplex* — Böggemann, 2002: 80, figs. 127-129.

### **Goniadidae** Kinberg, 1865

*Bathyglycinde profunda* (Hartman and Fauchald, 1971)

*Glycinde profunda* Hartman and Fauchald, 1971: 74-76, pl. 4, figs c-e.

*Bathyglycinde profunda* — Amaral *et al.*, 2004: 202, appendix 3; Rizzo and Amaral, 2004b: p. 938, figs. 1-21, table 1; Böggemann 2005: 93, figs. 49-50.

*Goniada brunnea* Treadwell, 1906

*Goniada brunnea* Treadwell, 1906: 1174, figs. 67-70.

*Goniada brunnea* — Lana, 1984: 102, figs. 97-99; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1249; 1250; 1252.



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*Goniada crudelis* (Kinberg, 1865)

*Lacharis crudelis* Kinberg, 1865: 247

*Goniada crudelis* — Böggemann, 2005: 98, figs. 53-54.

*Goniada emerita* Audouin and Milne-Edwards, 1833

*Goniada emerita* Audouin and Milne-Edwards, 1833: 258.

*Goniada emerita* — Lana, 1984: 96, figs. 88-90; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1255; 1556; 1571-1575.

*Goniada echinulata* Grube, 1870

*Goniada echinulata* Grube, 1870: 67.

*Goniada littorea* Hartman 1950: 23, figs. 1-10.

*Goniada littorea* — Lana, 1984: 98, figs. 91-93; Blankensteyn and Moura, 2002: 718, table 2; Amaral *et al.*, 2004: 202, appendix 3; Böggemann, 2005: 69, figs. 35-36.

Deposit number – MCEM – BPO 1246; 1247; 1253; 1254.

*Goniada maculata* Oersted, 1843

*Goniada maculata* Oersted, 1843: 33.

*Goniada maculata* — Lana, 1984: 100, figs. 94-96; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2.

Deposit number – MCEM – BPO 1557; 1561; 1567; 1568; 1578; 1581.

Identification not confirmed by Böggemann (2005).

*Goniada virgini* Kinberg, 1865

*Goniada virgini* Kinberg, 1865: 247

*Goniada virgini* — Böggemann, 2005: 93, figs. 49-50.

*Goniadella revizee* Rizzo and Amaral, 2004a

*Goniadella revizee* Rizzo and Amaral, 2004: 52, Figs. 4-6, table 2;

*Goniadella revizee* — Amaral *et al.*, 2004: 202, appendix 3.

*Goniadides carolinae* Day, 1973

*Goniadides carolinae* Day, 1973: 48, fig. 7a-h.

*Goniadides carolinae* — Lana, 1984: 103, fig. 100; 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2; Böggemann, 2005: 183, figs. 106-107.

Deposit number – MCEM – BPO 1573; 1577.

*Glycinde multident* Müller, 1858

*Glycinde multident* Müller, 1858: 214, est. 6, figs. 4-6.

*Glycinde multident* — Nonato, 1981: 106, figs. 134-139; Lana, 1984: 104, figs. 101-104; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin, 2005: 48, table 2; Böggemann, 2005: 216, figs. 128-129.

Deposit number – MCEM – BPO 1558-1560; 1562-1564; 1566; 1572; 1576.

*Progoniada regularis* Hartman, 1965

*Progoniada regularis* Hartman, 1965: 100-101, pl. 16

*Progoniada regularis* — Rizzo, 2002: 97, figs. 39-41, tables. 8-9 ; Rizzo and Amaral, 2004a: 48, figs. 1-3, table 1; Amaral *et al.*, 2004: 202, appendix 3; Böggemann, 2005: 155, figs. 86-88.

## Hesionidae Grube, 1850

*Hesionides* Friedrich, 1937

*Hesionides* sp.

Deposit number – MCEM – BPO1472 .

*Ophiodromus obscurus* (Verrill, 1873)

*Podarke obscura* Verrill, 1873: 589, fig. 61.

*Podarke obscura* — Lana, 1984: 57; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1442.



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*Parahesione* Pettibone, 1956

*Parahesione* sp.

Obs: Identified in an unpublished thesis (Lorenzi, 1998). Identification confirmed by Fredrik Pleijel, but material subsequently lost.

### **Lumbrineridae Schmarda, 1861**

*Arabelloneris janeirensis* (Augener, 1934)

*Lumbriconeris janeirensis* Augener, 1934: 198, fig. 28a-c.

*Lumbrineris janeirensis* — Lana, 1984: 171, figs. 188-189; 1987: 1061, table 1.

*Arabelloneris janeirensis* — Camargo, 1993: 36, fig. 6a-c; Camargo and Lana, 1995a: 81, figs. 7-9, 29.

Deposit number – MCEM – BPO 789; 846.

*Lumbricalus januarii* (Grube, 1878)

*Lumbriconereis januarii* Grube, 1878: 91.

*Lumbrineris januarii* — Lana, 1984: 172, figs. 190-192; 1987: 1061, table 1; Camargo and Lana, 1995b: 103, figs. 22-27, 60.

*Lumbricalus januarii* — Carrera-Parra, 2004: 84, figs. 3A-G.

Deposit number – MCEM – BPO 745; 755; 860; 867; 870.

*Lumbrineris atlantica* (Kinberg, 1865)

*Lumbriconeris atlantica* Kinberg, 1865: 568.

*Lumbrineris atlantica* Camargo and Lana, 1995b: 95, figs. 1-5, 60.

Deposit number – MCEM – BPO 821; 866.

*Lumbrineris cingulata* (Ehlers, 1897)

*Lumbriconeris cingulata* Ehlers, 1897: 76, figs. 119-124.

*Lumbrineris cingulata* — Lana, 1984: 177, fig. 194a-b; 1987: 1061, table 1; Camargo and Lana, 1995b: 112, figs. 49-54, 61.

Deposit number – MCEM – BPO 773; 788; 798; 800; 802-805; 807; 815; 817; 824; 825; 831; 835-842.

*Lumbrineris curtlobata* Camargo and Lana, 1995b

*Lumbrineris curtlobata* Camargo and Lana, 1995b: 1001, figs. 18-21, 60.

*Lumbrineris hebes* Verrill, 1880

*Lumbrineris hebes* Verrill, 1880: 174.

*Lumbrineris hebes* — Lana, 1987: 1061, table 1.

*Lumbrineris inflata* Moore, 1911

*Lumbrineris inflata* Moore, 1911: 289, figs. 128-134.

*Lumbrineris inflata* — Lana, 1984: 175; 1987: 1061, table 1; Camargo, 1993: 76, fig. 15a-f; Camargo and Lana, 1995b: 104, figs. 28-33, 60.

Deposit number – MCEM – BPO 736 ; 775 ; 783-785 ; 792-794.

*Lumbrineris magalhaensis* Kinberg, 1865

*Lumbrineris magalhaensis* Kinberg, 1865: 568.

*Lumbrineris magalhaensis* — Camargo, 1993: 90, fig. 19a-f; Camargo and Lana, 1995b: 110, figs. 45-48, 61.

Deposit number – MCEM – BPO 771; 772; 804; 811; 814; 818; 821; 826; 827; 850; 851; 853; 858; 865.

*Lumbrineris latreilli* Audouin and Milne Edwards, 1834

*Lumbrineris latreilli* Audouin and Milne Edwards, 1834: 168.

*Lumbrineris latreilli* — Lana, 1987: 1061, table 1; Camargo, 1993: 100, fig. 21a-e; Camargo and Lana, 1995b: 115, figs. 55-59, 61.

Deposit number – MCEM – BPO 768; 770; 790; 854.

*Lumbrineriopsis mucronata* (Ehlers, 1908)

*Lumbriconeris mucronata* Ehlers, 1908: 95, figs. 9-13.

*Lumbrineriopsis mucronata* — Lana, 1984: 170, figs. 186-187; 1987: 1061, table 1; Camargo, 1993: 40, fig. 7a-c; Camargo and Lana, 1995a: 82, figs. 10-14, 29.



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### *Lysarete brasiliensis* Kinberg, 1865

*Lysarete brasiliensis* Kinberg, 1865: 570.

*Lysarete brasiliensis* — Lana, 1984: 197, fig. 214; 1987: 1061, table 1; Camargo and Lana, 1995a: 79, figs. 1-6, 29.

Deposit number — MCEM — BPO 799; 874.

### *Ninoe brasiliensis* Kinberg, 1865

*Ninoe brasiliensis* Kinberg, 1865: 567.

*Ninoe brasiliensis* — Lana, 1984: 168, fig. 185; 1987: 1061, table 1; Camargo, 1993: 111, fig. 24a-d; Camargo and Lana, 1995a: 87, figs. 25-28, 29.

Deposit number — MCEM — BPO 737-743; 777-781; 813; 830-834; 856; 859; 861.

### *Scoletoma tetraura* (Schmarda, 1861)

*Notocirrus tetraurus* Schmarda, 1861: 117.

*Scoletoma tetraura* — Camargo, 1993: 62, fig. 12a-f; Camargo and Lana, 1995b: 99, figs. 12-17, 60; Amaral and Nallin, 2005: 48, table 2.

Deposit number — MCEM — BPO 752.

## Magelonidae Cunningham and Ramage, 1888

### *Magelona crenulata* Bolívar and Lana, 1986

*Magelona crenulata* Bolívar and Lana, 1986: 144, figs. 43-49.

Deposit number — MCEM — BPO 200-201.

### *Magelona papillicornis* Müller, 1858

*Magelona papillicornis* Müller, 1858: 215, figs. 10-11.

*Magelona papillicornis* — Bolívar, 1986: 46, figs. 102-105; Bolívar and Lana, 1986: 136, figs. 9-12.

Deposit number — MCEM — BPO 99-107; 176-180; MZUSP 128.

### *Magelona posterelongata* Bolívar and Lana, 1986

*Magelona posterelongata* Bolívar and Lana, 1986: 140, figs. 22-30.

*Magelona posterelongata* — Bolívar, 1986: 51, figs. 115-123.

Deposit number — MCEM — BPO 126-129; MZUSP 129.

### *Magelona riojai* Jones, 1963

*Magelona riojai* Jones, 1963: 9, figs. 22-35.

*Magelona riojai* — Bolívar, 1986: 44, figs. 94-101; Bolívar and Lana, 1986: 135, figs. 1-8; Amaral and Nallin, 2005: 48, table 2.

Deposit number — MCEM — BPO 97-98; 175.

### *Magelona variolamellata* Bolívar and Lana, 1986

*Magelona variolamellata* Bolívar and Lana, 1986: 137, figs. 13-28.

*Magelona variolamellata* — Bolívar, 1986: 47, figs. 106-114; Blankensteijn and Moura, 2002: 718, table 2.

Deposit number — MCEM — BPO 108-125; 181-195; MZUSP 130-132.

## Maldanidae Malmgren, 1867

### *Asychis amphiglypta* (Ehlers, 1897)

*Maldane amphiglypta* Ehlers, 1897: 119, Pl. 8, figs. 187-193.

*Asychis amphiglypta* — Bolívar, 1990: 86, fig. 66a-e.

Deposit number — MCEM — BPO 687.

### *Axiothella brasiliensis* (Mangum, 1966)

*Clymenella brasiliensis* Mangum, 1966: 5, fig. 1a-d.

*Axiothella brasiliensis* — Bolívar, 1990: 70, fig. 51a-f.

Deposit number — MCEM — BPO 595-597; 600-602; 604; 606; 607; 609-611.

*Axiothella* sp.

Deposit number — MZUSP 318.



## LISTS OF SPECIES

*Chirimia amoena* (Kinberg, 1867)

*Chrysothemis amoena* Kinberg, 1867: 340.

*Chirimia amoena* — Bolívar, 1990: 88, fig. 68a-f.

Deposit number – MCEM – BPO 699; 702; 704; 705.

*Clymenella dalesi* Mangum, 1966

*Clymenella dalesi* Mangum, 1966: 1, fig. 2a-d.

*Clymenella dalesi* — Bolívar, 1990: 74, fig. 2a-d.

Deposit number – MCEM – BPO 631; 634; 638; 641; 644; 645; 647.

*Rhodine loveni* Malmgren, 1865

*Rhodine loveni* Malmgren, 1865: 189.

*Rhodine loveni* — Bolívar, 1990: 79, fig. 59a-e.

Deposit number – MCEM – BPO 655-657.

Obs: This is probably a misidentification and this material needs to be revised.

### Nephtyidae Grube, 1850

*Aglaophamus juvenalis* Kinberg, 1866

*Aglaophame juvenalis* Kinberg, 1866: 240.

*Aglaophamus juvenalis* — Lana, 1984: 86, figs. 78-79; 1986: 143, figs. 16-17; 1987: 1061, table 1.

Deposit number – MCEM – BPO 26-31; 218; 218.

*Aglaophamus uruguayi* Hartman, 1953

*Aglaophamus uruguayi* Hartman, 1953: 32, fig. 8a-d.

*Aglaophamus uruguayi* — Lana, 1984: 77, figs. 68-69; 1986: 144, figs. 18-19; 1987: 1061, table 1.

Deposit number – MCEM – BPO 32-34; 220-228.

*Inermonephtys palpata* Paxton, 1974

*Inermonephtys palpata* Paxton, 1974: 200, figs. 2-6.

*Inermonephtys palpata* — Lana, 1984: 84, figs. 72-77; 1986: 141, figs. 10-15; 1987: 1061, table 1.

Deposit number – MCEM – BPO 23-25.

Obs: This is a new species, currently being reviewed by Martin, Gil and Lana.

*Nephtys acrochaeta* Hartman, 1950

*Nephtys acrochaeta* Hartman, 1950: 114, figs. 1-6.

*Nephtys acrochaeta* — Lana, 1984: 77, figs. 63-65; 1986: 138, figs. 1-3; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1-5.

*Nephtys fluviatilis* Monro, 1937

*Nephtys fluviatilis* Monro, 1937: 246, fig. 2a-c.

*Nephtys fluviatilis* — Lana, 1984: 77, figs. 68-69; 1986: 140, figs. 6-7; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2.

Deposit number – MCEM – BPO 13-16; 216; 217.

*Nephtys simoni* Perkins, 1980

*Nephtys simoni* Perkins, 1980: 37, figs. 15-16.

*Nephtys simoni* — Lana, 1984: 82, figs. 70-71; 1986: 141, figs. 8-9; 1987: 1061, table 1; Amaral and Nallin 2005: 48, table 2.

Deposit number – MCEM – BPO 17-22; 216; 217.

*Nephtys squamosa* Ehlers, 1887

*Nephtys squamosa* Ehlers, 1887: 128, figs. 7-10.

*Nephtys squamosa* — Lana, 1984: 77, figs. 66-67; 1986: 139, figs. 4-5; 1987: 1061, table 1.

Deposit number – MCEM – BPO 6-12; 202-212.



## LISTS OF SPECIES

### Nereididae Johnston, 1865

#### *Ceratocephale loveni* Malmgren, 1867

*Ceratocephale loveni* Malmgren, 1867: 61-62.

*Ceratocephale loveni* — Attolini, 2002: 25, figs. 8, 9, 11, 12, tables 4, 8.

#### *Ceratonereis excisa* (Grube, 1874)

*Nereis excisa* Grube, 1874: 72-73.

*Ceratonereis excisa* — Lana, 1987: 1061, table 1.

Deposit number – MCEM – BPO 1132-1138; 1375-1376.

#### *Gymnonereis crosslandi* (Banse, 1977)

*Ceratocephale crosslandi* Banse, 1977: 620, fig. 3.

*Ceratocephale oculata* Banse, 1977

*Ceratocephale oculata* — Lana, 1984: 113, figs. 109-111.

Deposit number – MCEM – BPO 963-968; 970-983; 985-987; 989-1005.

#### *Laeonereis acuta* (Treadwell, 1923)

*Nereis acuta* Treadwell, 1923: 3, figs. 1-5.

*Laeonereis acuta* — Lana, 1984: 115, figs. 112-113; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 1155-1209; 1369-1372; 1374.

#### *Micronereides capensis* Day, 1963

*Micronereides capensis* Day, 1963: 404, fig. 6a-e.

*Micronereides capensis* — Amaral *et al.*, 2004: 202, appendix 3; Amaral *et al.*, 2006: 122.

Deposit number – MCEM – BPO 1271-1277; 1280; 1283; 1289.

#### *Namalycastis abiuma* (Müller in Grube, 1872)

*Paranereis abiuma* Müller in Grube, 1872: 47.

*Namalycastis abiuma* — Lana, 1984: 109, figs. 105-106; 1987: 1061, table 1; Glasby, 1999: 31, figs. 1c, 8a-b, 9.

Deposit number – MCEM – BPO 876; 1216; 1341.

#### *Namanereis amboinensis* (Pflugfelder, 1933)

*Lycastopsis amboinensis* Pflugfelder, 1933: 69-71, figs. 9-11.

*Namanereis amboinensis* — Hartman, 1959: 162-163; Glasby, 1999: 76, figs. 1c, 3, 31 a-g.

*Lycastopsis pontica* — Lana, 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2.

#### *Neanthes bruaca* Lana and Sovierzoski, 1987

*Neanthes bruaca* Lana and Sovierzoski, 1987: 678, figs. 1-4.

*Neanthes bruaca* — Lana, 1984: 133, figs. 128-134a-c; 1987: 1061, table 1; Steiner and Santos, 2004: 39, figs. 1-6.

Deposit number – MCEM – BPO 233; 235-239; 1222-1225; 1295-1309; 1400-1409; 1413; MZUSP 140.

#### *Neanthes ceciliae* Steiner and Santos, 2004

*Neanthes ceciliae* Steiner and Santos, 2004: 47, figs. 7-14, table 1.

#### *Neanthes succinea* (Frey and Leuckart, 1847)

*Nereis succinea* Frey and Leuckart, 1847: 154.

*Neanthes succinea* — Lana, 1984: 136, figs. 135; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2.

Deposit number – MCEM – BPO 1015-1030; 1345-1357; 1411; 1412; MZUSP 140.

#### *Nereis broa* Lana and Sovierzoski, 1987

*Nereis broa* Lana and Sovierzoski, 1987: 683, figs. 5-8.

*Nereis broa* — Amaral *et al.*, 2006: 127.

Deposit number – MCEM – BPO 240.

#### *Nereis oligohalina* (Rioja, 1946)

*Neanthes oligohalina* Rioja, 1946: 207, figs. 3-6 and 13-19.



## LISTS OF SPECIES

*Nereis oligohalina* — Lana, 1984: 131, figs. 127a-b; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 1090-1100; 1102; 1103; 1337-1340; 1633-1634.

Obs: This is probably a misidentification and this material needs to be revised.

*Nereis riisei* Grube, 1857

*Nereis riisei* Grube, 1857: 162.

*Nereis riisei* — Lana, 1984: 128, figs. 124-124; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1037-1089; 1101; 1342-1344.

*Nereis zonata* Malmgren, 1867

*Nereis zonata* Malmgren, 1867: 164, fig. 34.

*Nereis zonata* — Lana, 1984: 130, figs. 126a-b; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1334-1335.

*Nereis cf. persica* Fauvel 1911

*Nereis cf. persica* Fauvel, 1911; 385.

Deposit number – MCEM – BPO 1389-1398; 1393.

*Perinereis anderssoni* Kinberg, 1866

*Perinereis anderssoni* Kinberg, 1866: 175.

*Perinereis anderssoni* — Lana, 1984: 126, figs. 122-123; 1987: 1061, table 1.

Deposit number – MCEM – BPO 896-905; 1386-1388.

*Perinereis cultrifera* (Grube, 1840)

*Nereis cultrifera* Grube, 1840: 74.

*Perinereis cultrifera* — Nonato, 1981: 96, figs. 99-106.

Deposit number – MCEM – BPO 886-889.

*Perinereis ponteni* Kinberg, 1866

*Perinereis ponteni* Kinberg, 1866: 176.

*Perinereis ponteni* — Lana, 1984: 123, figs. 119-121; 1987: 1061, table 1.

Deposit number – MCEM – BPO 906-934; 1358-1365.

*Perinereis vancaurica* (Ehlers, 1868)

*Nereis vancaurica* Ehlers, 1868: 20.

*Perinereis vancaurica* — Lana, 1984: 121, figs. 118; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2.

Deposit number – MCEM – BPO 890-894; 1378-1385.

Obs: This is probably a misidentification and this material needs to be revised.

*Platynereis dumerilii* (Audouin and Milne-Edwards, 1833)

*Nereis dumerilii* Audouin and Milne-Edwards, 1833: 154, fig. 43.

*Platynereis dumerilii* — Lana, 1984: 117, figs. 114a-b; 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 936-962; 1377; 1414; 1418; MZUSP 154.

*Pseudonereis gallapagensis* Kinberg, 1866

*Pseudonereis gallapagensis* Kinberg, 1866: 174.

*Pseudonereis gallapagensis* — Lana, 1984: 118, figs. 115-117; 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 882-885; 1367; 1368.

## Oeononidae Kinberg, 1865

*Arabella iricolor* (Montagu, 1804)

*Neris iricolor* Montagu, 1804: 82.

*Arabella iricolor* — Lana, 1984: 192, figs. 208-209; 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2.

*Drilonereis filum* (Claparede, 1870)



## LISTS OF SPECIES

*Lumbriconereis filum* Claparede, 1870: 454, fig. 1.

*Drilonereis filum* — Lana, 1984: 193, figs. 210-211; 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2

*Notocirrus lorum* Ehlers, 1897

*Notocirrus lorum* Ehlers, 1897: 78.

*Notocirrus lorum* — Lana, 1987: 1061, table 1.

### Onuphidae Kinberg, 1865

*Australonuphis casamiquelorum* (Orensanz, 1974)

*Americonuphis casamiquelorum* Orensanz, 1974: 100, pl. 9, figs. 1-14.

*Australonuphis casamiquelorum* — Lana, 1987: 1061, table 1; 1991: 286; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 429-430.

*Brevibrachium hannelorae* Lana, 1991

*Rhamphobrachium* cf. *agassizii* — Lana, 1984: 148, table 1; 1987: 1061, table 1.

*Brevibrachium hannelorae* Lana, 1991: 284, figs. 2 a-m.

Deposit number – MCEM – BPO 367; 368.

*Diopatra dextignatha* Paxton and Bailey-Brock, 1986

*Diopatra dextignatha* Paxton and Bailey-Brock, 1986: 1-4, figs. 1-16. — Steiner, 2006: 101, figs. 35-39.

*Diopatra cuprea* — Lana, 1984: 142, figs. 138-140; 1987: 1061, table 1.

*Diopatra viridis* — Lana, 1991: 283; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 371-377.

*Diopatra tridentata* Hartman, 1944

*Diopatra tridentata* Hartman, 1944: 61, figs. 37-43.

*Diopatra tridentata* — Lana, 1984: 144, figs. 141-142; 1987: 1061, table 1; 1991: 283; Amaral *et al.*, 2004: 203, appendix 3.

Deposit number – MCEM – BPO 379-393.

*Hyalinoecia juvenalis* Moore, 1911

*Hyalinoecia juvenalis* Moore, 1911: 277, figs. 86-95.

*Hyalinoecia juvenalis* — Nonato, 1981: 117; Lana, 1984: 140, figs. 136-137; 1987: 1061, table 1; 1991: 283.

*Kinbergonuphis atlantisa* (Hartman, 1965)

*Nereis atlantisa* Hartman, 1965: 102-104, figs. 17a-c.

*Kinbergonuphis atlantisa* — Attolini, 2002: 25, figs. 8, 9, 11, 12, tables 4, 8.

*Kinbergonuphis difficilis* (Fauchald, 1982)

*Onuphis difficilis* Fauchald, 1982: 203, fig. 1.

*Kinbergonuphis difficilis* — Lana, 1984: 165, fig. 184; 1987: 1061, table 1; 1991: 290.

Deposit number – MCEM – BPO 424-426; 428.

*Kinbergonuphis fauchaldi* Lana, 1991

*Kinbergonuphis fauchaldi* — Lana, 1984: 161, figs. 177-181 (Original name in an unpublished thesis)

*Kinbergonuphis fauchaldi* Lana, 1991: 286, fig. 3a-k;

Deposit number – MCEM – BPO 413- 414; 417.

*Kinbergonuphis nonatoi* Lana, 1991

*Kinbergonuphis nonatoi* — Lana, 1984: 159, figs 170-176 (Original name in an unpublished thesis)

*Kinbergonuphis nonatoi* Lana, 1991, table 1; 1991: 288, figs. 4a-l.

Deposit number – MCEM – BPO 411; 412.

*Kinbergonuphis orensanzi* (Fauchald, 1982)

*Onuphis orensanzi* Fauchald, 1982: 205, fig. 2.

*Kinbergonuphis orensanzi* — Lana, 1984: 163, figs. 183; 1987: 1061, table 1; 1991: 290.

Deposit number – MCEM – BPO 415; 416; 418; 419; 421-423; 1469.



## LISTS OF SPECIES

### *Mooreonuphis lineata* Lana, 1991

*Mooreonuphis lineata* — Lana, 1984: 152, figs. 157-164 (Original name in an unpublished thesis)

*Mooreonuphis lineata* — Lana, 1991: 291, figs. 5a-m.

Deposit number – MCEM – BPO 395-400; 434-435; MZUSP 139.

### *Mooreonuphis intermedia* (Kinberg, 1865)

*Onuphis intermedia* Kinberg, 1865: 560.

*Mooreonuphis intermedia* — Lana, 1984: 155, figs 165-168.

Deposit number – MCEM – BPO 402-405; 407-409.

### *Mooreonuphis pallidula* (Hartman, 1965)

*Nothria pallidula* Hartman, 1965: 1965, figs. d-h, pl. 17.

*Mooreonuphis pallidula* — Amaral *et al.*, 2006: 203.

### *Nothria benthophyla* Lana, 1991

*Nothria benthophyla* — Temperini, 1981: 32, figs. 62-72 (Original name in an unpublished thesis).

*Nothria benthophyla* Lana, 1984: 150, figs. 146-156; 1987: 1061, table 1.

*Nothria benthophyla* Lana, 1991: 280, figs. 1a-m.

Deposit number – MCEM – BPO 394.

### *Onuphis eremita oculata* Hartman, 1951

*Onuphis eremita oculata* Hartman, 1951: 52, figs. 1-2.

*Onuphis eremita oculata* — Lana, 1984: 158, fig. 169; 1991: 293.

Deposit number – MCEM – BPO 410

### *Rhamphobrachium verngreni* (Kinberg, 1865)

*Onuphis verngreni* Kinberg, 1865: 560.

*Ramphobrachium verngreni* — Lana, 1984: 146, figs. 143-144; 1987: 1061, table 1; 1991: 286.

## **Opheliidae Malmgren 1867**

### *Armandia hosfeldi* Hartmann-Schröder, 1956

*Armandia hosfeldi* Hartmann-Schröder, 1956: 67, figs. 10-11

*Armandia hosfeldi* — Elías *et al.*, 2003: 78.

Deposit number – MCEM – BPO 1584-1588.

### *Armandia maculata* (Webster, 1884)

*Ophelina maculata* Webster, 1884: 322, pl. 11, figs. 54-55.

*Armandia maculata* — Elías *et al.*, 2003: 79.

### *Armandia lobo* Elías and Bremec, 2003

*Armandia lobo* Elías and Bremec, 2003: 181.

Deposit number – MCEM – BPO 1590; 1591.

### *Euzonus furciferus* (Ehlers, 1897)

*Thoracophelia furcifera* Ehlers, 1897: 101

*Euzonus furciferus* — Blankensteyn and Moura, 2002: 718, table 2; Amaral and Nallin, 2005: 48, table 2.

Obs: This is probably a misidentification and this material needs to be revised.

### *Ophelina acuminata* Oersted, 1843

*Ophelina acuminata* Oersted, 1843: 2, Pl. 46.

*Ophelina* cf. *acuminata* — Elías *et al.*, 2003: 81.

Deposit number – MCEM – BPO 1592-1606; 1612.

### *Ophelina alata* Elías, Bremec, Lana and Orensanz, 2003

*Ophelina alata* Elías, Bremec, Lana and Orensanz, 2003: 83, fig. 3.

Deposit number – MCEM – BPO 1607-1609; 1613-1616.

### *Ophelina cylindrica* (Hansen, 1878)

*Ammotrypane cylindrica* Hansen, 1878: 8

*Ophelina cylindrica* — Amaral *et al.*, 2004: 201, appendix 3.



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*Ophelina gaucha* Elías, Bremec, Lana and Orensanz, 2003

*Ophelina gaucha* Elías, Bremec, Lana and Orensanz, 2003: 82, fig. 2.

Deposit number – MCEM – BPO 1610.

*Travisia* sp.

Deposit number – MCEM – BPO 1475.

### Orbiniidae Hartman, 1942

*Leitoscoplos kerguelensis* (McIntosh, 1885)

*Scoloplos kerguelensis* McIntosh, 1885: Pl. 43, figs. 6-8, pl. 221, fig. 19.

*Leitoscoplos kerguelensis* — Bolívar, 1990: 27, fig. 19a-e.

*Leitoscoloplos robustus* (Verrill, 1873)

*Anthostoma robustum* Verrill, 1873: 597, Pl. 14, fig. 76.

*Leitoscoloplos robustus* — Bolívar, 1990: 26, fig. 18a-d; Amaral and Nallin, 2005: 48, table 2.

*Naineris setosa* (Verrill, 1900)

*Aricia setosa* Verrill, 1990: 651.

*Naineris setosa* — Bolívar, 1990: 11, fig. 5a-d.

Deposit number – MCEM – BPO 436; 731-732.

*Orbinia latreillii* (Audouin and Milne-Edwards, 1834)

*Aricia latreillii* Audouin and Milne-Edwards, 1834: 259.

*Orbinia* cf. *latreillii* — Bolívar, 1990: 23, fig. 15a-e.

Deposit number – MCEM – BPO 479-480.

*Phylofelix* Kinberg, 1866

*Phylofelix* Kinberg, 1866: 251.

*Phylofelix* — Bolívar, 1990: 12, fig. 6a-e.

Deposit number – MCEM – BPO 437-440.

*Scoloplos capensis* (Day, 1961)

*Scolaricia capensis* Day, 1961: 480, pl. 17, fig. 1p-s.

*Scoloplos capensis* — Bolívar, 1990: 19, fig. 12a-d.

Deposit number – MCEM – BPO 471; 472.

*Scoloplos ohlini* (Ehlers, 1901)

*Aricia ohlini* Ehlers, 1901: 167, Pl. 21, figs. 9-13.

*Scoloplos ohlini* — Bolívar, 1990: 14, fig. 8a-d.

Deposit number – MCEM – BPO 442-457; MZUSP 263.

*Scoloplos rubra* (Webster, 1879)

*Aricia rubra* Webster, 1879: 253, Pl. 9, figs. 123-126.

*Scoloplos rubra* — Bolívar, 1990: 16, fig. 9a-e.

Deposit number - MCEM – BPO 458-461.

*Scoloplos scoloplos* Blainville, 1828

*Scoloplos scoloplos* Blainville, 1828: 628

*Scoloplos treadwelli* Eisig, 1914

*Scoloplos treadwelli* Eisig, 1914: 21 figs. 161-169.

*Scoloplos treadwelli* — Attolini, 2002: 26, figs. 8, 9, 11, 12, tables 4, 8.

*Scoloplos verax* (Kinberg, 1866)

*Leodamas verax* Kinberg, 1866: 252.

*Scoloplos verax* — Bolívar, 1990: 17, fig. 10a-c.

Deposit number – MCEM – BPO 462-466; 468.

### Oweniidae delle Chiaje, 1844

*Galathowenia* Kirkegaard, 1959

*Galathowenia* sp.



## LISTS OF SPECIES

Obs: Identified in an unpublished thesis (Lorenzi, 2004), but material subsequently lost.

*Owenia brasiliensis* Hansen, 1882

*Amochares brasiliensis* Hansen, 1882: 19, Pl. 5, fig. 33-36, Pl. 6, figs. 1-4.

*Owenia* sp. 1 — Sene-Silva, 2003: 79.

*Owenia fusiformis* delle Chiaje, 1844

*Owenia fusiformis* delle Chiaje 1844: 31.

*Owenia fusiformis* — Nonato, 1981: 195; Amaral and Nallin, 2005: 48, table 2.

Obs: This is probably a misidentification and this material needs to be revised.

### Paralacydoniidae Pettibone, 1963

*Paralacydonia paradoxa* Fauvel, 1913

*Paralacydonia paradoxa* Fauvel, 1913: 54, fig. 10.

*Paralacydonia paradoxa* — Rizzo, 2002: 117, figs. 42, 43.

### Paraonidae Cerruti, 1909

*Aparaonis* sp.

Deposit number – MZUSP 56.

*Aricidea albatrossae* Pettibone, 1957

*Aricidea albatrossae* Pettibone, 1957: 354, fig. 1a-f.

*Aricidea* cf. *albatrossae* — Bolívar, 1990: 30, fig. 20a-d.

*Aricidea fragilis* Webster, 1879

*Aricidea fragilis* Webster, 1879: 55, pl. 9, figs. 127-132.

*Aricidea* cf. *fragilis* — Bolívar, 1990: 31, fig. 21a-d.

Deposit number – MCEM – BPO 495.

*Aricidea taylori* Pettibone, 1965

*Aricidea taylori* Pettibone, 1965: 131, figs. 4a-c, 5a-c.

*Aricidea taylori* — Bolívar, 1990: 34, fig. 24a-e.

*Aricidea simplex* (Day, 1963)

*Aricidea suecica simplex* Day, 1963: 364, fig. 3a-b.

*Aricidea simplex* — Bolívar, 1990: 37, fig. 26a-f.

*Cirrophorus branchiatus* Ehlers, 1908

*Cirrophorus branchiatus* Ehlers, 1908: 124, Pl. 17, figs. 5-9.

*Cirrophorus branchiatus* — Bolívar, 1990: 38, fig. 27a-e.

Deposit number – MCEM – BPO 509-511.

*Paraonis pygoenigmatica* Jones, 1968

*Paraonis pygoenigmatica* Jones, 1968: 323, figs. 1-23.

*Paraonis pygoenigmatica* — Amaral and Nallin, 2005: 48, table 2.

### Pectinariidae de Quatrefages, 1866

*Pectinaria* cf. *catarinensis* Grube, 1871

*Pectinaria catarinensis* Grube, 1871: 72.

Deposit number – MZUSP152.

### Pilargidae Saint-Joseph, 1899

*Ancistrostylis jonesi* Pettibone, 1966

*Ancistrostylis jonesi* Pettibone, 1966: 173, figs. 9-10.

*Ancistrostylis jonesi* — Lana, 1984: 61; 1987: 1061, table 1.



## LISTS OF SPECIES

Deposit number – MCEM – BPO 1490.

*Litocorsa* Pearson, 1970

*Litocorsa* sp.

Obs: Identified in an unpublished thesis (Lorenzi, 2004), but material subsequently lost.

*Parandalia tricuspis* (Müller, 1858)

*Loandalia americana* Hartman, 1947: 506, figs. 1-7.

*Parandalia americana* — Lana, 1984: 59; 1987: 1061, table 1; Blankensteyn and Moura, 2002: 718, table 2.

*Parandalia tricuspis* — Salazar-Vallejo, 1990: 512, figs. 3, 4d-f.

Deposit number - MCEM – BPO 1485-1487.

*Sigambra grubei* Müller, 1858

*Sigambra grubei* Müller, 1858: 214, figs. 7-9.

*Sigambra grubii* — Nonato, 1981: 90, figs. 97-98; Lana, 1984: 61; 1987: 1061, table 1; Amaral *et al.*, 2006: 48, table 2.

Deposit number – MCEM – BPO 1488.

*Sigambra* sp.

Deposit number - MCEM – BPO 1489.

### **Pisionidae Ehlers, 1901**

*Pisionidens indica* Aiyar and Alikunhi, 1940

*Pisionidens indica* Aiyar and Alikunhi, 1940: 106.

*Pisionidens indica* — Amaral *et al.*, 2006: 120; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 1228; 1478.

*Pisione* Grube, 1857

*Pisione* sp.

Deposit number – MCEM – BPO 1477.

### **Phyllodocidae Oersted, 1843**

*Anaitides tamoya* Nonato, 1981 *nomen nudum*.

*Anaitides tamoya* Nonato, 1981: 77. (Original name in an unpublished thesis)

*Anaitides tamoya* — Lana, 1987: 1061, table 1.

*Eulalia myriacicla* (Schmarda, 1861)

*Notophyllum myriacicla* Schmarda, 1861: 87, fig. 233.

*Eulalia myriacicla* — Lana, 1984: 53; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1484.

*Genetyllis castanea* (Marenzeller, 1879)

*Carobia castanea* Marenzeller, 1879: 127, fig. 2.

*Genetyllis castanea* — Lana, 1984: 54; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1483.

*Hesionura* Hartmann-Schröder, 1958

*Hesionura* sp.

Deposit number – MCEM – BPO 1471.

*Phyllodoce mucosa* Oersted, 1843

*Phyllodoce mucosa* Oersted, 1843: 31.

*Phyllodoce* cf. *mucosa* — Lana, 1984: 56.



## LISTS OF SPECIES

### Pholoididae Kinberg, 1858

*Pholoe minuta* (Fabricius, 1780)

*Aphrodita minuta* Fabricius, 1780: 414.

*Pholoe minuta* — Lana, 1984: 33; 1987: 1061, table 1; Amaral and Nonato, 1984: 17, figs. 19-25.

Obs: This is probably a misidentification and this material needs to be revised.

### Polygordiidae Czerniavsky, 1881

*Polygordius* Schneider, 1868

*Polygordius* sp.

Deposit number – MCEM – BPO 1474.

### Polynoidae Malmgren, 1867

*Eunoe papilosa* Amaral and Nonato, 1982

*Eunoe papilosa* Amaral and Nonato, 1982: 19, figs. 32-37.

*Eunoe papilosa* — Lana, 1987: 1061, table 1.

*Eunoe serrata* Amaral and Nonato, 1982

*Eunoe serrata* Amaral and Nonato, 1982: 19, figs. 38-44.

*Eunoe serrata* — Lana, 1984: 22; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1230; 1231.

*Halosydnella brasiliensis* (Kinberg, 1858)

*Halosydna brasiliensis* Kinberg, 1858: 16, fig. 22.

*Halosydnella brasiliensis* — Lana, 1984: 21; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1232.

*Harmothoe lunulata* (delle Chiaje, 1841)

*Polynoe lunulata* delle Chiaje, 1841 in Claparède, 1868: 373.

*Harmothoe lunulata* — Lana, 1984: 23; 1987: 1061, table 1.

*Lepidasthenia virens* (Blanchard, 1849)

*Polynoe virens* Blanchard, 1849: 16.

*Lepidasthenia virens* — Lana, 1987: 1061, table 1.

*Subadyte pellucida* (Ehlers, 1864)

*Polynoe pellucida* Ehlers, 1864: 105, fig. 10, est. 3, figs 5, 7-13, est. 4, figs 1-3.

*Subadyte pellucida* — Lana, 1984: 19; 1987: 1061, table 1.

Deposit number – MCEM – BPO 1229.

### Protodrilidae Czerniavsky, 1881

*Protodrilus* Hatschek, 1880

*Protodrilus* sp.

Deposit number – MCEM – BPO 1473

### Sabellariidae Johnston, 1865

*Phragmatopoma caudata* Mörch, 1963

*Phragmatopoma lapidosa* Kinberg, 1867: 349.

*Phragmatopoma caudata* — Kirtley 1994: 31, figs. 2.3.1-2.3.6.

*Phragmatopoma lapidosa* — Lana and Bremec, 1994: 21.

Deposit number – MZUSP 153.



## LISTS OF SPECIES

### *Sabellaria bella* Grube, 1870

*Sabellaria bella* Grube, 1870: 69.

*Sabellaria bella* — Gruet and Lana, 1998: 32, figs. 1-2; Lana and Gruet, 1989: 243; Lana and Bremec, 1994: 21; Kirtley, 1994: 53, fig. 4.3

Deposit number – MCEM – BPO 251.

### *Sabellaria bellis* Hansen, 1882

*Sabellaria bellis* Hansen, 1882: 19, pl. VI, figs. 5-17.

*Sabellaria bellis* — Rullier and Amoureux, 1979: 188; Gruet and Lana, 1998: 34, figs. 3-4; Kirtley 1994: 54, fig. 4.5.1-4.5.2.

### *Sabellaria wilsoni* Lana and Gruet, 1989

*Sabellaria wilsoni* Lana and Gruet, 1989: 239, figs. 1-21.

*Sabellaria wilsoni* — Kirtley, 1994: 80, fig. 4.33.

Deposit number – MCEM – BPO 241-244; 431; 730.

## **Sabellidae Malmgren, 1867**

### *Potamilla fonticula* (Hoagland, 1919)

*Parasabella fonticula* Hoagland, 1919: 579.

*Potamilla fonticula* — Rullier and Amoureux, 1979: 191.

## **Saccocirridae Czerniavsky, 1881**

### *Saccocirrus* Bobretzky, 1871

*Saccocirrus* sp.

Deposit number – MCEM – BPO 1479.

## **Scalibragmatidae Malmgren 1867**

### *Scalibregma inflatum* Rathke, 1843

*Scalibregma inflatum* Rathke, 1843: 184, Pl. 9, figs. 15-21

*Scalibregma inflatum* — Bolívar, 1990: 90, fig. 69a-d.

## **Sigalionidae Kinberg, 1856**

### *Ehlersileanira incisa* (Grube, 1878)

*Sthenelais incisa* Grube, 1878: 519.

*Ehlersileanira incisa* — Lana, 1984: 46; 1987: 1061, table 1; 1991: 131.

Deposit number - MCEM- BPO 172-174.

### *Fimbriosthenelais marianae* Lana, 1991

*Fimbriosthenelais marianae* — Lana, 1984: 39; 1987: 1061, table 1 (Original name in an unpublished thesis ).

*Fimbriosthenelais marianae* Lana, 1991: 128, figs. 22-35.

Deposit number – MCEM – BPO 145-147

### *Psammolyce catenulata* Amaral and Nonato, 1984

*Psammolyce catenulata* — Amaral and Nonato, 1984: 20, figs. 33-43; Lana, 1987: 1061, table 1.

*Psammolyce catenulata* — Lana, 1984: 34; 1991: 124.

### *Psammolyce flava* Kinberg, 1855

*Psammolyce flava* Kinberg, 1855: 388.

*Psammolyce flava* — Lana, 1991: 125; 1987: 1061, table 1.

### *Sigalion arenicola* Verrill, 1879

*Sigalion arenicola* Verrill, 1879: 167.



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- Sigalion arenicola* — Lana, 1984 : 126, figs. 13-16; 1987: 1061, table 1.  
Deposit number- MCEM – BPO 141-143.
- Sigalion cirriferum* Orensanz and Gianuca, 1974  
*Sigalion cirriferum* Orensanz and Gianuca, 1974: 4, figs. 2-3, 6.  
*Sigalion cirriferum* — Lana, 1984: 36; 1987: 1061, table 1; Amaral and Nallin, 2005: 48, table 2.  
Deposit number – MCEM – BPO 140.
- Sigalion taquari* Amaral and Nonato, 1984  
*Sigalion taquari* Amaral and Nonato, 1984: 23, figs. 44-53.  
*Sigalion taquari* — Lana, 1987: 1061, table 1; 1991: 125, figs. 9-10.  
Deposit number – MCEM – BPO 133-139.
- Sthenelanella peterseni* Lana, 1991  
*Sthenelanella peterseni* — Lana, 1984: 30; 1987: 1061, table 1 (Original name in an unpublished thesis).  
*Sthenelanella peterseni* Lana, 1991: 122, figs. 1-8.  
Deposit number – MCEM – BPO 130.
- Sthenelais limicola* (Ehlers, 1864)  
*Sigalion limicola* Ehlers, 1864: 120, figs 4-7.  
*Sthenelais limicola* — Lana, 1984: 42; 1987: 1061, table 1; 1991: 131; Amaral and Nallin, 2005: 48, table 2.  
Deposit number – MCEM – BPO 151-169; MZUSP 303.
- Sthenelais articulata* Kinberg, 1855  
*Sthenelais articulata* Kinberg, 1855: 387.  
*Sthenelais articulata* — Lana, 1984: 43; 1987: 1061, table 1; 1991: 131.  
Deposit number – MCEM – BPO 148-150 ; 231.
- Sthenolepis oculata* (Hartman, 1942)  
*Leanira oculata* Hartman, 1942 : 93, figs.1-5.  
*Sthenolepis oculata* — Lana, 1984: 45; 1987: 1061, table 1; 1991: 131.  
Deposit number – MCEM – BPO 230.
- Thalenessa edwardsii* (Kinberg, 1855)  
*Sigalion edwardsii* Kinberg, 1855: 387.  
*Thalenessa edwardsii* — Lana, 1984: 38; 1987: 1061, table 1; 1991: 127, figs. 17-21.  
Deposit number – MCEM – BPO 144; 232.

## Spionidae Grube, 1850

- Aonides mayaguezensis* Foster, 1969  
*Aonides mayaguezensis* Foster, 1969: 393, figs. 22-33.
- Apoprionospio dayi* Foster, 1969  
*Apoprionospio dayi* Foster, 1969: 383, figs. 1-11.  
*Prionospio dayi* — Bolívar, 1986: 40, figs. 89-93; Bolívar and Lana, 1987: 143, figs. 75-79.  
Deposit number – USNM 100448
- Apoprionospio pygmaea* (Hartman, 1961)  
*Prionospio pygmaeus* Hartman, 1961: 93.  
Deposit number – MZUSP 59-61.
- Boccardiella bihamata* Blake and Kudenov, 1978  
*Boccardiella bihamata* Blake and Kudenov, 1978: 265, fig. 48.  
Deposit number – MZUSP 68.
- Boccardiella ligerica* (Ferronière, 1898)  
*Boccardia ligerica* Ferronière, 1898: 109, pl. 6, figs. a-i.  
Deposit number – MZUSP 70.
- Dipolydora barbilla* (Blake, 1981)  
*Polydora barbilla* Blake, 1981: 947, fig. 1.

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Deposit number – MZUSP 80.

*Dipolydora socialis* (Schmarda, 1861)

*Leucodore socialis* Schmarda, 1861: 64, figs. a-c, pl. 26, fig. 209, 209a.

*Polydora socialis* — Bolívar, 1986: 15, figs. 7-13; Bolívar and Lana, 1987: 113, figs. 1-7; Amaral and Nallin, 2005: 48, table 2.

Deposit number – MZUSP 82-90.

*Dispio* sp.

Deposit number – MZUSP 94-95; 98.

*Dispio remanei* Friedrich, 1956

*Dispio remanei* Friedrich, 1956: 65, fig. 6.

*Dispio remanei* — Bolívar, 1986: 22, figs. 30-42; Bolívar and Lana, 1987: 120, figs. 26-29 Amaral and Nallin, 2005: 48, table 2.

Deposit number – MCEM – BPO 55-57; USNM 100446.

*Heterospio* sp.

Deposit number – MZUSP 106-107.

*Laonice branchiata* Nonato, Bolívar and Lana, 1986

*Laonice branchiata* Nonato, Bolívar and Lana, 1986: 21, figs. 1-7.

*Laonice branchiata* — Bolívar and Lana, 1987: 120.

Deposit number – MCEM – BPO 52-54; MZUSP 111; 114; 116; USNM 100451.

*Laonice* sp. 1

*Laonice cirrata*– Bolívar, 1986: 18, figs. 27-31; Bolívar and Lana, 1987: 118, figs. 21-25. Not Sars, 1851: 64.

Deposit number – MCEM– BPO 39; 41-44; 48.

*Laonice* sp. 2

Deposit number – MZUSP 117; 119-120; 122 ; 124-125.

*Microspio pigmentata* (Reish, 1959)

*Spiophanes pigmentata* Reish, 1959: 11, pl. 6, figs. 1-4.

*Microspio pigmentata* — Bolívar, 1986: 27, figs. 51-55; Bolívar and Lana, 1987: 126, figs. 38-42.

Deposit number – MCEM – BPO 59-60; MZUSP 137.

*Paraprionospio* sp.

*Paraprionospio pinnata* — Bolívar, 1986: 35, figs. 73-79; Bolívar and Lana, 1987: 136, figs. 59-65; Blankensteyn and Moura, 2002: 718, table 2. Not Ehlers, 1901: 163.

Deposit number – MCEM – BPO 78-90; MZUSP 146-151.

*Poecilochaetus australis* Nonato, 1963

*Poecilochaetus australis* Nonato, 1963: 17, figs. 1-11.

*Poecilochaetus johnsoni* — Ribeiro, 2004: 55.

Deposit number- MZUSP 155.

*Poecilochaetus* sp. n 1 Santos and Mackie (in preparation)

Deposit number- MCEM- BPO 1290-1291.

*Poecilochaetus* sp. n.2 Santos and Mackie (in preparation)

Deposit number – MCEM-BPO 1292-1294.

*Polydora carinhosa* Radashevsky, Lana and Nalesso (submitted).

*Polydora carinhosa* Radashevsky, Lana and Nalesso (submitted).

*Polydora colonia* Moore, 1907

*Polydora colonia* Moore, 1907: 199, pl. 15, figs. 18-23.

Deposit number – MZUSP 162-164.

*Polydora cornuta* Bosc, 1802

*Polydora cornuta* Bosc, 1802: 150, p. 5, figs 7–8.

*Polydora cornuta* — Radashevsky, 2005: 3, figs. 1–4.

Deposit number – SMF 13975; 13978; USNM 1020474-1020475.



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*Polydora ecuadoriana* Blake, 1983

*Polydora ecuadoriana* Blake, 1983: 257–258, fig. 26.

*Polydora ecuadoriana* — Radashevsky, Lana and Nalesso (submitted).

Deposit number – MZUSP 166; 169; 172; USNM 1022185-1022187.

*Polydora* cf. *haswelli* Blake and Kudenov, 1978

*Polydora haswelli* Blake and Kudenov, 1978: 259, fig. 44.

*Polydora haswelli* — Radashevsky, Lana and Nalesso (submitted).

*Polydora websteri* — Bolívar, 1986: 17, figs. 14-26; Bolívar and Lana, 1987: 115, figs. 8-20; Blankensteyn and Moura, 2002: 718, table 2. Not Hartman in Loosanoff and Engle, 1943.

Deposit number – MCEM – BPO 38; MZUSP 174; 176; 178.

*Polydora nuchalis* Woodward, 1953

*Polydora nuchalis* Woodward, 1953: 381, fig. 1.

Deposit number – MZUSP 180.

*Polydora* sp. 1

Deposit number – MZUSP 182.

*Polydora* sp. 2

Deposit number – MZUSP 183-185.

*Prionospio ehlersi* Fauvel, 1928

*Prionospio ehlersi* Fauvel, 1928: 10, figs. 1a-e.

*Prionospio ehlersi* — Bolívar, 1986: 38, figs. 84-88; Bolívar and Lana, 1987: 141, figs. 70-74.

Deposit number – MCEM – BPO 92.

*Prionospio heterobranchia* Moore, 1907

*Prionospio heterobranchia* — Moore, 1907: 195, pl. XV, figs. 1-6.

Deposit number – MZUSP 200.

*Prionospio* sp.

*Prionospio steenstrupi* — Bolívar, 1986: 37, figs. 80-83; Bolívar and Lana, 1987: 139, figs. 66-69. Not

Deposit number – MCEM – BPO 91.

*Pseudopolydora achaeta* Radashevsky and Hsieh, 2000

*Pseudopolydora achaeta* Radashevsky and Hsieh, 2000: 223, figs. 4, 5, 11a.

Deposit number – MZUSP 237; 240.

*Pseudopolydora diopatra* Hsieh, 1992

*Pseudopolydora diopatra* Hsieh, 1992: 630, figs. 1-10.

Deposit number – IMBV 12394.

*Scolecipis goodbodyi* (Jones, 1962)

*Nerinides goodbodyi* Jones, 1962: 187, figs. 66-68.

*Scolecipis squamata* — Bolívar, 1986: 25, figs. 43-50; Bolívar and Lana, 1987: 124, figs. 30-37; Blankensteyn and Moura, 2002: 718, table 2. Not *Lumbricus squamatus* Müller, 1806; 39.

Deposit number – MCEM – BPO 58; MZUSP 237; 240.

*Scolecipis* sp. 1

Deposit number – MZUSP 259-260.

*Scolecipis* sp. 2

Deposit number – MZUSP 249.

*Scolecipis quinquedentata* (Hartmann-Schröder, 1965)

*Nerinides quinquedentata* Hartmann-Schröder, 1965: 203, figs. 187-190.

Deposit number – MZUSP 255; 257.

*Spiophanes anoculata* Hartman, 1960

*Spiophanes anoculata* Hartman, 1960: 118.

*Spiophanes bombyx* — Bolívar, 1986: 33, figs. 67-72; Bolívar and Lana, 1987: 134, figs. 54-58. Not Claparède, 1870.

Deposit number – MCEM – BPO 74-77; MZUSP 268-270; 272-277.

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### *Spiophanes berkeleyorum* Pettibone, 1962

*Spiophanes berkeleyorum* Pettibone, 1962: 78, figs. 1-4.

*Spiophanes* cf. *kroyeri* — Bolívar, 1986: 30, figs. 56-61; Bolívar and Lana, 1987: 129, figs. 43-47. Not Grube, 1860.

Deposit number — MCEM — BPO 61; 62; MZUSP 278-294.

### *Spiophanes duplex* (Chamberlin, 1919)

*Morants duplex* Chamberlin, 1919: 17.

*Spiophanes missionensis* — Bolívar, 1986: 32, figs. 62-66; Bolívar and Lana, 1987: 132, figs. 48-53; Blankensteyn and Moura, 2002: 718, table 2. Not Hartman, 1941.

Deposit number — MCEM — BPO 63-73; ZSRO P1413; P1576-P1577; USNM 100450.

### *Streblospio* sp.

Deposit number — MZUSP 304; 306-307.

## **Sternaspidae Carus, 1863**

### *Sternaspis capillata* Nonato, 1966

*Sternaspis capillata* Nonato, 1966: 79-84, figs. 1-9.

*Sternaspis capillata* — Nonato, 1981: 188; Attolini, 2002: 28, figs. 8-9, 11-12, tables 4, 8.

## **Syllidae Grube, 1850**

### *Exogone arenosa* Perkins, 1980

*Exogone arenosa* Perkins, 1980: 1094, figs. 5g-j, 6.

*Exogone arenosa* — Lana, 1984: 66, figs. 55-56; 1987: 1061, table 1.

### *Langerhansia cornuta* (Rathke, 1843)

*Syllis cornuta* Rathke, 1843: 164.

*Langerhansia cornuta* — Lana, 1987: 1061, table 1.

### *Odontosyllis heterofalchaeta* Temperini, 1981

*Odontosyllis heterofalchaeta* Temperini, 1981: 22, figs. 44-48 176 (Original name in an unpublished thesis)

*Odontosyllis heterofalchaeta* — Lana, 1984: 69, figs. 59-60.

### *Odontosyllis fulgurans* (Audouin and Milne-Edwards, 1834)

*Syllis fulgurans* Audouin and Milne-Edwards, 1834: 229.

*Odontosyllis fulgurans* — Amaral *et al.*, 2006: 147.

### *Pionosyllis pectinata* Temperini, 1981

*Pionosyllis pectinata* Temperini, 1981: 23, figs. 49-55. (Original name in an unpublished thesis).

*Pionosyllis pectinata* — Lana, 1984: 67, figs. 57-58; 1987: 1061, table 1.

Deposit number — MCEM — BPO 1449-1450; 1452-1454; 1461.

### *Typosyllis hialina* (Grube, 1863)

*Syllis hialina* Grube, 1863: 45.

*Typosyllis hialina* — Lana, 1984: 71, fig. 61; 1987: 1061, table 1.

Deposit number — MCEM — BPO 1446.

Obs: This is probably a misidentification and this material needs to be revised.

### *Typosyllis variegata* (Grube, 1860)

*Syllis variegata* Grube, 1860: 65.

*Typosyllis variegata* — Lana, 1984: 72; 1987: 1061, table 1.

## **Terebellidae Grube, 1850**

### *Artacama benedeni* Kinberg, 1867

*Artacama benedeni* Kinberg, 1867: 346.

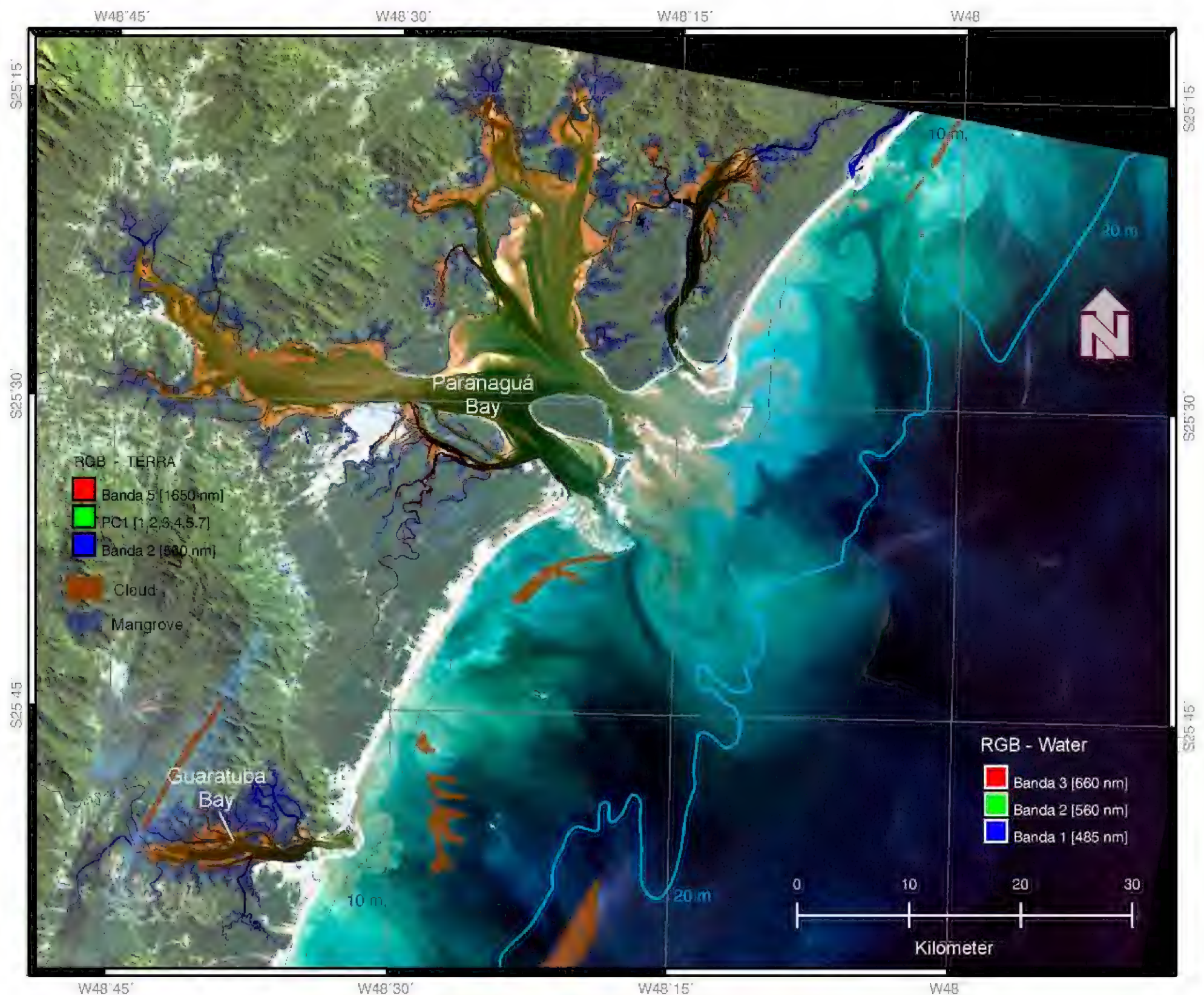


## LISTS OF SPECIES

- Artacama benedeni* — Blankensteyn, 1988: 32, figs. 5a-f, 9.  
Deposit number – MCEM – BPO 252-259.
- Loimia medusa* (Savigny, 1818)  
*Terebella medusa* Savigny, 1818: 95.  
*Loimia medusa* — Blankensteyn, 1988: 58, figs. 12a-f, 17.  
Deposit number – MCEM – BPO 288-299; MZUSP 127.  
Obs: This is probably a misidentification and this material needs to be revised.
- Loimia grubei* (Grube, 1878)  
*Terebella montagui* Grube, 1878: 1.  
*Loimia grubei* — Blankensteyn, 1988: 62, figs. 13a-h, 16.  
Deposit number – MCEM – BPO 301-304.  
Obs: This is probably a misidentification and this material needs to be revised.
- Lysilla pacifica* Hessle, 1917  
*Lysilla pacifica* Hessle, 1917: 232, fig. 66.  
*Lysilla pacifica* — Blankensteyn, 1988: 91, figs. 22a-c, 24.  
Deposit number – MCEM – BPO 322-323.  
Obs: This is probably a misidentification and this material needs to be revised.
- Neoamphitrite variabilis* (Risso, 1826)  
*Terebella variabilis* Risso, 1826: 408  
*Neoamphitrite* cf. *variabilis* — Blankensteyn and Moreno, 1988: 32, figs. 6a-g, 9.  
Obs: This is probably a misidentification and this material needs to be revised.
- Nicolea uspiiana* (Nogueira, 2003)  
*Paraeupolymnia uspiiana* Nogueira, 2003: 405, figs. 1-2  
*Nicolea venustula* — Blankensteyn & Moreno, 1999: 320, fig. 1.  
Deposit number – MZUSP 142.
- Octobranthus longipes* Blankensteyn and Lana, 1987  
*Octobranthus longipes* Blankensteyn and Lana, 1987: 671, figs. 1a-c., 2a-b, 3a-e.  
*Octobranthus longipes* — Blankensteyn, 1988: 104, figs. 26a-g, 29.  
Deposit number – MCEM – BPO 247-248.
- Pista corrientis* McIntosh, 1885  
*Pista corrientis* McIntosh, 1885: 457, fig. 11, pl. 48, fig. 35, pl. 27a.  
*Pista corrientis* — Blankensteyn, 1988: 43, figs. 10a-g, 16, 17.  
Deposit number – MCEM – BPO 269-286.
- Pista cristata* (Müller, 1776)  
*Amphitrite cristata* Müller, 1776: 216.  
*Pista cristata* — Blankensteyn, 1988: 47, figs. 8a-g, 9.  
Deposit number – MCEM – BPO 264-268.  
Obs: This is probably a misidentification and this material needs to be revised.
- Terebellides anguicomus* Müller, 1858  
*Terebellides anguicomus* Müller, 1858: 218, pl. 7, figs. 22-25.  
*Terebellides anguicomus* — Blankensteyn, 1988: 107, figs. 27a-g, 29, 30; Solis-Weiss *et al.*, 1991: 149, fig. 1g-I; Garraffoni & Lana, 2003: 360, figs. 11,-12.  
Deposit number – MCEM – BPO 249; 250; 328-334; MZUSP 308.
- Thelepus setosus* (Quatrefages, 1865)  
*Phenacia setosus* Quatrefages, 1865: 374.  
*Thelepus setosus* — Blankensteyn, 1988: 74, figs. 17, 18a-g, 24.  
Deposit number – MCEM – BPO 309-313.  
Obs: This is probably a misidentification and this material needs to be revised.



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**Figure 1.** Location of sampled environments in Paraná State.

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